

However, if, prior to treatment, representative sampling reveals a level of infestation greater than 0.5 percent for the lot, then the fruit is ineligible for treatment.

(c) *Premises.* Fields, groves, or areas that are located within a quarantined area but outside the infested core area and that produce regulated articles may receive regular treatments with either malathion or spinosad bait spray as an alternative to treating the regulated articles with methyl bromide fumigation or those treatments provided in part 305 of this chapter. These treatments must take place at 6-to 10-day intervals, starting a sufficient time before harvest (but not less than 30 days before harvest) to allow for development of sapote fruit fly egg and larvae. Determination of the time period must be based on the day degrees model for sapote fruit fly. Once treatment has begun, it must continue through the harvest period. The malathion bait spray treatment must be applied by aircraft or ground equipment at a rate of 2.4 oz of technical grade malathion and 9.6 oz of protein hydrolysate per acre. The spinosad bait spray treatment must be applied by aircraft or ground equipment at a rate of 0.01 oz of a USDA-approved spinosad formulation and 48 oz of protein hydrolysate per acre. For ground applications, the mixture may be diluted with water to improve coverage.

[68 FR 24610, May 8, 2003, as amended at 70 FR 33269, June 7, 2005]

PART 302—DISTRICT OF COLUMBIA; MOVEMENT OF PLANTS AND PLANT PRODUCTS

Sec.

302.1 Definitions.

302.2 Movement of plants and plant products.

AUTHORITY: 7 U.S.C. 7701-7772 and 7781-7786; 7 CFR 2.22, 2.80, and 371.3.

SOURCE: 66 FR 1016, Jan. 5, 2001, unless otherwise noted.

chamber. Water temperature in the volatilizer must never fall below 65.6 °C (150 °F) at any time during gas injection.

§ 302.1 Definitions.

Inspector. Any employee of the Animal and Plant Health Inspection Service or other person authorized by the Administrator to inspect and certify the plant health status of plants and products under this part.

Interstate. From any State into or through any other State.

State. The District of Columbia, Puerto Rico, the Northern Mariana Islands, or any State, territory, or possession of the United States.

§ 302.2 Movement of plants and plant products.

Inspection or documentation of the plant health status of plants or plant products to be moved interstate from the District of Columbia may be obtained by contacting the State Plant Health Director, Plant Protection and Quarantine, APHIS, Wayne A. Cawley, Jr. Building, Room 350, 50 Harry S. Truman Parkway, Annapolis, MD 21401-7080; phone: (410) 224-3452; fax: (410) 224-1142.

[66 FR 54641, Oct. 30, 2001]

PART 305—PHYTOSANITARY TREATMENTS

Sec.

305.1 Definitions.

305.2 Approved treatments.

305.3-305-4 [Reserved]

Subpart—Chemical Treatments

305.5 Treatment requirements.

305.6 Methyl bromide fumigation treatment schedules.

305.7 Phosphine treatment schedules.

305.8 Sulfuryl fluoride treatment schedules.

305.9 Aerosol spray for aircraft treatment schedules.

305.10 Treatment schedules for combination treatments.

305.11 Miscellaneous chemical treatments.

305.12-14 [Reserved]

Subpart—Cold Treatments

305.15 Treatment requirements.

305.16 Cold treatment schedules.

Subpart—Quick Freeze Treatments

305.17 Authorized treatments; exceptions.

305.18 Quick freeze treatment schedule.

305.19 [Reserved]

Subpart—Heat Treatments

- 305.20 Treatment requirements.
- 305.21 Hot water dip treatment schedule for mangoes.
- 305.22 Hot water immersion treatment schedules.
- 305.23 Steam sterilization treatment schedules.
- 305.24 Vapor heat treatment schedules.
- 305.25 Dry heat treatment schedules.
- 305.26 Khapra beetle treatment schedule for feeds and milled products.
- 305.27 Forced hot air treatment schedules.
- 305.28 Kiln sterilization treatment schedule.
- 305.29 Vacuum heat treatment schedule.
- 305.30 [Reserved]

Subpart—Irradiation Treatments

- 305.31 Irradiation treatment of imported regulated articles for certain plant pests.
- 305.32 Irradiation treatment of regulated fruit to be moved interstate from areas quarantined for Mexican fruit fly.
- 305.33 Irradiation treatment of regulated articles to be moved interstate from areas quarantined for Mediterranean fruit fly.
- 305.34 Irradiation treatment of certain regulated articles from Hawaii, Puerto Rico, and the U.S. Virgin Islands.
- 305.35–305.39 [Reserved]

Subpart—Treatments for Garbage

- 305.40 Garbage treatment schedules for insect pests and pathogens.
- 305.41 [Reserved]

Subpart—Miscellaneous Treatments

- 305.42 Miscellaneous treatment schedules.

AUTHORITY: 7 U.S.C. 7701–7772 and 7781–7786; 21 U.S.C. 136 and 136a; 7 CFR 2.22, 2.80, and 371.3.

SOURCE: 70 FR 33269, June 7, 2005, unless otherwise noted.

§ 305.1 Definitions.

The following definitions apply for the purposes of this part:

Administrator. The Administrator, Animal and Plant Health Inspection Service, United States Department of Agriculture, or any person delegated to act for the Administrator in matters affecting this part.

APHIS. The Animal and Plant Health Inspection Service, United States Department of Agriculture.

Autoclaving. The introduction of steam at 212 °F into a pressurized enclosure containing a commodity to kill

spores and other treatment-resistant pests.

Cold treatment. Exposure of a commodity to a specified cold temperature that is sustained for a specific time period to kill targeted pests, especially fruit flies.

Dose mapping. Measurement of absorbed dose within a process load using dosimeters placed at specified locations to produce a one-, two-, or three-dimensional distribution of absorbed dose, thus rendering a map of absorbed-dose values.

Dosimeter. A device that, when irradiated, exhibits a quantifiable change in some property of the device that can be related to absorbed dose in a given material using appropriate analytical instrumentation and techniques.

Dosimetry system. A system used for determining absorbed dose, consisting of dosimeters, measurement instruments and their associated reference standards, and procedures for the system's use.

Forced hot air. Hot air blown uniformly across commodities in a shipment until the pulp of each unit in the shipment of the commodity reaches a specified temperature.

Fumigant. A gaseous chemical that easily diffuses and disperses in air and is toxic to the target organism.

Fumigation. Releasing and dispersing a toxic chemical in the air so that it reaches the target organism in a gaseous state.

Hitchhiker pest. A pest that is carried by a commodity or a conveyance and, in the case of plants and plant products, does not infest those plants or plant products.

Hot water immersion dip. Complete immersion of a commodity in heated water to raise the temperature of the commodity to a specific temperature for a specified time. This treatment is usually used to kill fruit flies.

Inspector. Any individual authorized by the Administrator of APHIS or the Commissioner of Customs and Border Protection, Department of Homeland Security, to enforce the regulations in this part.

Irradiation. The use of irradiated energy to kill or devitalize organisms.

Methyl bromide. A colorless, odorless biocide used to fumigate a wide range of commodities.

Phosphine. Flammable gas generated from either aluminum phosphide or magnesium phosphide and used to treat stored product commodities.

Quick freeze. A commercially acceptable method of quick freezing at sub-zero temperatures with subsequent storage and transportation at not higher than 20 °F. Methods that accomplish this are known as quick freezing, sharp freezing, cold pack, or frozen pack, but may be any equivalent commercially acceptable freezing method.

Section 18 of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). An emergency exemption granted by the U.S. Environmental Protection Agency to Federal or State agencies authorizing an unregistered use of a pesticide for a limited time.

Sulfuryl fluoride. An odorless, colorless, and nonflammable compressed fumigant that is used primarily to kill pests of wood.

Steam heat. The introduction of steam at 212 °F or higher into an enclosure containing a commodity to kill targeted organisms.

Vacuum fumigation. Fumigation performed in a gas-tight enclosure. Most air in the enclosure is removed and replaced with a small amount of fumigant. The reduction in pressure reduces the required duration of the treatment.

Vacuum heat treatment. The treated commodity is held in a gas-tight enclosure and heated to a specified temperature for a specific time period to kill targeted pests.

Vapor heat. Heated air saturated with water vapor and used to raise the temperature of a commodity to a required point for a specific period.

[70 FR 33269, June 7, 2005, as amended at 70 FR 36332, June 23, 2005]

§ 305.2 Approved treatments.

(a) Certain commodities or articles require treatment, or are subject to treatment, prior to the interstate movement within the United States or importation or entry into the United States. Treatment is required as indicated in parts 301, 318, and 319 of this chapter, on a permit, or by an inspector.

(1) Treatment schedules provided in this part must be followed to neutralize pests.

(2) More information about treatment schedules is contained in the Plant Protection and Quarantine (PPQ) Treatment Manual, which is available on the Internet at http://www.aphis.usda.gov/ppq/manuals/online_manuals.html or by contacting the Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Manuals Unit, 69 Thomas Johnson Drive, Suite 100, Frederick, MD 21702.

(3) Treatment requirements provided in this part must be followed to adequately administer treatment schedules.

(4) APHIS is not responsible for losses or damages incurred during treatment and recommends that a sample be treated first before deciding whether to treat the entire shipment.

(b) *Alpha grass and handicrafts (Stipa tenacissima, Ampelodesmos mauritanicus).* For treatment schedules, see § 305.6 for methyl bromide (MB) fumigation.

Pest	Treatment
<i>Harmolita</i> spp.	MB T304-a or MB T304-b.

(c) *Bags, bagging materials, and covers (used).* The treatment schedules for which administration instructions are not provided are in § 305.6 for methyl bromide (MB) fumigation, § 305.23 for steam sterilization (SS), and § 305.25 for dry heat (DH).

Used material	Pest	Treatment
Bags and bagging material or covers used to contain root crops.	<i>Globodera rostochiensis</i>	MB T306-a.
Bags and bagging used for commodities grown in soil.	Potato cyst nematode	MB T502-1.
Bags and bagging material or covers used for cotton only.	<i>Pectinophora</i> spp.	MB T306-b.
Bags and bagging used for small grains	Downy mildews and <i>Physoderma</i> diseases of maize.	T503-1-2: Soak in water slightly below boiling (212 °F) for 1 hour; or SS T503-1-3; or DH T503-1-4.